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(71) Applicant (for all designated States except US): SKÅNE-
MEJERIER EK. FÖR. [SE/SE]; S-205 03 Malmö (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BERGMAN, Tomas
[SE/SE]; Allmogevägen 1, S-177 57 Järfälla (SE). DUAN,
Rui-Dong [SE/SE]; Uardavägen 2B, S-224 71 Lund (SE).
NILSSON, Åke [SE/SE]; Höstagillesvägen 26, S-226 51
Lund (SE).

(74) Agent: ALBIHNS STOCKHOLM AB; Linnégatan 2,
P.O. Box 5581, S-114 85 Stockholm (SE).

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(54) Title: HUMAN ALKALINE SPHINGOMYELINASE AND USE THEREOF

(57) Abstract: An isolated human alkaline sphingomyelinase (Alk-Smase) 9or a variant thereof, capable of hydrolysing sphin-
gomyelin, and DNA sequence encoding said Alk-Smase. Further described are methods for isolating human Alk-Smase and for
preparing human recombinant Alk-Smase and use of the enzyme for the preparation of a composition for the treatment of colon
cancer.

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